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# LIBRARY NEWSLETTER

## U. S. DEPARTMENT of AGRICULTURE

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### NEW BOOKS IN THE LIBRARY

Malabar Farm, by Louis Bromfield. New York, Harper & Brothers, 1948. 405 p.

31.3 B78M

"Year by year, Malabar Farm has grown steadily richer and lovelier, since Louis Bromfield first told the world in PLEASANT VALLEY how he reclaimed a tract of land in his native Ohio and made it bloom. In this book, Mr. Bromfield carried forward the narration of his life on the farm, quoting extensively from his personal diaries. These journal extracts form a lively, informal account of the snags and triumphs in the daily routine - the doings of the Boxers, shorthorn bulls and guinea fowl, the farm help and the visitors far and wide, all caught up in Bromfield's energetic, colorful style.

Here is the story of day-by-day labor and planning at Malabar, told by a man who can make live, exciting drama out of the seeding of the field, the blooming of a bare, weedy hill, the developing of a fine strain of cattle. There are chapters which expand Bromfield's long-established beliefs on the right and wrong way of farming, and of the farm as a wholesome way of life for city dwellers." Book jacket.

Our Plundered Planet, by Fairfield Osborn. Boston, Little, Brown & Co., 1948

217 p. 279 Osl

This book is written out of the author's conviction that we human beings are rushing forward unthinkingly through days of incredible accomplishment, of glory and of tragedy, and that we have forgotten the earth as our source of life. He sees that the earth's resources are going, going... whether because of the crowding populations of the East, or the cattlemen and lumbermen of the West. The author believes that the way to forestall oncoming crisis is to arouse public opinion to what is going on, to the end that active and voluntary cooperation between people and government may save the situation before it is too late. For no nation in the long history of civilization has been more violently destructive of its life-supporting resources than the United States of America - that "country of the great illusion", the country that "can feed the world".

Practical Public Relations, its foundations, divisions, tools and practices, by Harlow, Rex W. and M. M. Black, N. Y., Harper, 1947, 442 p. 238.2 H22P

"A book presenting both an overview of the field, and a specialized analysis of each of the main divisions - labor, personnel, stockholder, consumer, trade, government, the community - for which public relations is a basic problem. The book explains the utilization of the press, the radio, films, advertising, the public platform, and includes a careful treatment of the whole relationship of the public relations worker to his organization. Much of the material gathered here has been pre-tested in business and college courses throughout the country ..."

The Bright Tobacco Industry, 1860-1927, by Wainie M. Tilley. Chapel Hill, Univ. of North Carolina, 1943. 754 p. 281.369 T46

The author was born in the Old Bright Belt of the Virginia-Carolina area and as a child saw the atmosphere of early spring hazy from the firing of the tobacco seed beds, heard the sound of Bull Durham's whistle a scant twelve miles away, rubbed fertilizer on the soles of her feet in order to grow taller, kept her savings in a Prince Albert tobacco tin, listened to parents and grandparents discuss the causes of low tobacco prices, and grew up thoroughly familiar with the way of life in the tobacco country. With this background, and as a trained historian with special interests in regional and agricultural history, the author tells the story of the modern tobacco industry - the farmer and his hoe, the wily pinhooker and his big brother the leaf dealer, the manufacturer of chewing tobacco and the cigarette roller and the "detested" American Tobacco Company.

Jonathan Daniels, in a review of the book says "it is the best book that has ever been written about the yellow leaf that has shaped the economic life of North Carolina. It is honest, informative, and entertaining - and no man who pretends to be informed about the State's leading crop can afford not to read it."

Administrative Behavior - A study of Decision-Making Processes in Administrative Organizations, by Herbert A. Simon. New York, Macmillan, 1947. 259 p. 249 Si 5

In a review of the book, Kenneth Seigwerth says "This excellent book cuts through many of the superficialities which have characterized so much writing about administration. It gets at the how and why of administrative decisions and the influence of these decisions both up and down within the hierarchy. That decision making at all levels is the heart of administration is the well carried theme."

A foreword by Chester A. Barnard, president of the New Jersey Bell Telephone Company, states that Professor Simon's observations and conclusions meet the test of private industry experience. The reader may conclude that there are few essential differences between "public" and "private" administration. This text can be read with profit by anyone who is a member of a larger-than-one-man organization.

Soil Physics, by L. D. Baver. 2d ed. New York, John Wiley & Sons, 1948. 398 p. 56.43 B32

The various phases of soil physics have grown rapidly in the past two decades, and the author, intimately connected with this development, has done an unusually clear job of discussing and explaining the basic principles and recent information in this field. The book starts with the basic make-up of the soil and progresses through the physical properties of the various soil components. The discussion is highlighted with illustrations. New material is in this new edition on: electron micrographs and clay particles; effect of microorganisms on soil structure plowing; soil water; and raindrop effects on soil erosion.

D.D.T.-Killer of Killers, by O. T. Zimmerman and Irvin Lavine. Dover, N.H. Industrial Research Service, 1946. 180 p. 423 Z62

"Covers practically all of the information about DDT that is of general interest to the public." Technical Books of the Month (N. Y. Public Library)

"A great deal of valuable information for the farmer, sportsman, builder and engineer." Westchester Feature Syndicate



Accident Prevention Administration, by Frederick G. Lippert. New York, McGraw-Hill, 1947. 159 p. 449 L66

The author in the preface of this book states that "during the past five years, certain executive government departments, legislative groups, and labor organizations have recognized the significance of safety to the groups that they represent or serve. Their efforts to promote safety will be placed more and more forcefully on management's doorstep during peacetime. This book presents the difference between safety and industrial-accident prevention and outlines the latter in a form suitable for employment as an administrative and executive function."

Insects and Human Welfare, by Charles T. Brues. Rev. ed. Cambridge, Harvard University press, 1947. 154 p. 423 B832

During World War II research in the medical aspects of entomology was greatly stimulated. This was due mainly to the fact that this war was fought to a large extent in tropical and subtropical regions where the prevalence and severity of insect-borne diseases are generally far greater than in the colder parts of the world. With this incentive, finely organized groups of energetic and capable scientific men turned their attention to the very urgent problem of protecting the health of our armed forces. Their signal success is well known.

Notable advances have also been made since the war in insect control, as well as in the use of insects for the elimination of weeds and other undesirable plants. The book describes these advances as well as how insects operate as carriers of disease, as enemies of agriculture and forestry, and as household nuisances. Various methods are presented for controlling their depredations.

Agricultural Price Policy, by Geoffrey S. Shepherd. 2d ed. Ames, Iowa State College Press, 1947. 440 p. 284.3 Sh4A

This book is written and organized with three purposes in mind. First, it analyzes the twenty years of United States experience with agricultural price controls. Second, it applies this analysis to an appraisal of the present and prospective price situation in agriculture. And third, in the light of this appraisal, it sets forth desirable objectives of price policy in agriculture, and works out the broad outlines of price programs that would attain the objectives.

The Tanks Are Coming (Practical hydroponics) by Earle A. Spessard. Little Rock, Hydroponics Inc.; 1948. 164 p. 90.15 SP3

The author, in the preface to his book, says that "the present world-wide interest in hydroponics, stems from the age-old desire to have at hand an abundant supply of fresh, tasty foods" But, in spite of this interest, there has been little published of practical value to the average individual. His first objective, therefore, is to translate valuable information into a language understandable to anyone with intelligence enough to raise a good garden.

He says that the present systems of hydroponics were developed in the interests of fundamental research and it was never expected that they could be used by people in general. So he, as a second objective, explains in detail how to construct and operate a simplified form of hydroponium which would do away with most of the mechanical and technical features of the

established systems. He has not attempted to make things easy or oversimplify, but makes interesting reading for the gardener, whether he be a professional or one who enjoys his own back yard.

For those individuals who wish to make a living by growing vegetables and flowers for the home market, this book was also written. The author feels that, in time, through this system every village and town could supply itself with the major portion of its food supply. So, as a third objective, the book lays out the general pattern for future hydroponic development in the world so as to induce people to begin laying the foundations for this development.

#### YEARBOOK OF AGRICULTURE 1948

Grass, the Yearbook of Agriculture 1948. Washington, Govt. Print. Off., 1948. 892 p. 1 Ag84Y

The 1948 annual on the subject of grass, legumes, and associated herbage has many articles on how farmers, ranchers, poultrymen, livestock raisers, dairy-men, and the conservationists can grow and use grasses and legumes. And because those plans are so basic to farming and living, discussions of them must include a great deal about soils, geography, agricultural history, economics and marketing, genetics, public programs, and natural resources.

The four parts of the book progress from the general aspects of the subject to the more specific. First is an examination of grass as it applies to people anywhere. The emphasis is on livestock and soils and conservation. Next is a study of grass as it is used in the regions of the United States, the emphasis being on varieties and uses. The third part is a handbook that considers the nature and identification of the most important and most useful grasses, legumes; and associated plants. Finally comes a section of tables, charts, lists of plant names, recommendations of seedings and mixtures, references to further reading, and the index.

Agricultural Statistics 1947. Washington, Govt. Print. Off., 1948. 688 p. 1 Ag84

#### OTHER RECENT USDA PUBLICATIONS

Personnel Administration Development in the United States Department of Agriculture - the first fifty years, by Warner W. Stockberger and Virginia Brand Smith. Washington, USDA Office of Personnel, 1947. 216 p. 1.917 A2P436 Mimeographed.

Circulars: 1 Ag84C

- No. 720 Controlling insects in flour mills. 75 p. April 1948.
- " 774 Local climate in the Copper Basin of Tennessee, as modified by the removal of vegetation. 38 p. January 1948.
- " 778 Red pine management in Minnesota. 70 p. May 1948.
- " 780 The farm real estate situation 1946-47. 38 p. March 1948.
- " 786 Improvement of pastures for dairy cattle in Middle Tennessee. 21 p. March 1948.
- " 784 Explanation and interpretation of analyses of irrigation waters. 8 p. May 1948.

Farmers' Bulletins: 1 Ag84F.

- No. 1988 Mint farming. 30 p. April 1948.
- " 1992 Disk plows and their operation. 10 p. May 1948.
- " 1995 Growing erect and trailing blackberries. 34 p. April 1948.
- " 1997 Stubble mulch farming. 32 p. June 1948.
- " 1998 Selecting dairy cattle. 28 p. Feb. 1948.

Leaflets:

- No. 246 Safeguarding identification of cotton bales. 8 p. March 1948  
1 Ag34L.

Miscellaneous publications: 1 Ag84M

- No. 119 The manufacture of low-acid rennet-type cottage cheese. 14 p.  
Rev. April 1948
- " 325 Grain grading primer. 61 p. Rev. April 1948
- " 596 Our American land, the story of its abuse and its conservation.  
31 p. Rev. April 1948
- " 643 Distinguishing the species of brassica by their seed. 35 p.  
April 1948
- " 645 Directory of activities of BPISAE 1947. 157 p. map. June 1948
- " 647 Experimental compression of dehydrated foods. 57 p. Feb. 1948
- " 651 List of sires proved in dairy-herd improvement associations 1948.  
256 p. June 1948. Multilithed.
- " 653 How families use their incomes. 64 p. June 1948.

Statistical Bulletins: 1 Ag84S

- No. 32 Stumpage and log prices for the calendar year 1945. 52 p. Feb. 1948

Technical Bulletins: 1 Ag84T

- No. 954 Some principles of visibility and their application to forest fire  
detection. 61 p. March 1948
- " 956 Bacterial blight of cotton under conditions of artificial inocula-  
tion. 59 p. May 1948

FCA Publications:

- C-131 The Cotton Producers Association, its cotton marketing and supply  
purchasing services. 89 p. March 1948.
- Misc. Reports - 166.3 M68
- " No. 113 Economic analysis of dairy cooperatives in Georgia. 53 p.
- " 115 Wholesale buyers' attitude toward citrus juices. 29 p.
- " 118 Farmers' cooperatives in our community. 41 p.

BAE Publications:

- FM-69 Use of tractor power, animal power, and hand methods in crop produc-  
tion. 32 p. July 1948. 1.941L6F22. Mimeographed.

SELECTED PAMPHLETS -- HERE AND THERE

Forestry

- Annotated bibliography of naval stores practices and the management of naval  
stores practices and the management of naval stores timber for the year  
1947, compiled by the Lake City Branch. Asheville, SE Expt. Sta., 1948. 5 p
- Farm forestry in Mississippi. 121 p. June 1946. (Miss. Exp. Sta. Bul. 432).  
100 M69



Industrial forest management in the Pacific northwest as influenced by public policies. 15 p. Durham, N. C., 1948. (Duke Univ. School of Forestry Lectures No. 7)

Trends in the utilization of pole species and their effect on forest management. 12 p. Reprinted from Proceedings Society of American Foresters' meeting, Minneapolis, 1947. 99.7 D83S

#### Fruits and Vegetables

Freeze fruits and vegetables. 22 p. (Pa. Ext. Serv. Circ. 317) 275.29 P38C  
Freezing fruits and vegetables on Florida farms. 30 p. (Fla. Exp. Sta. Bul. 441) 100 F66S

The goodly guava. 36 p. (Fla. Ext. Serv. Bul. 135) 275.29 F66

Bunch grape culture. 8 p. (N.C. Ext. Circ. 311) 275.29 N811

Perlette and Delight, two new early maturing seedless table grape varieties. 8 p. (Calif. Exp. Sta. Circ. 705) 100 C12

Scarlet, a new grape variety for fresh juice and jellies. 6 p. (Calif. Exp. Sta. Bul. 706) 275.29 C12C

#### Homes and Houses

Farm building plans. 24 p. (Ky. Ext. Div. Circ. 397, rev.) 275.29 K415

Interior paint finishes for farm homes. 8 p. (Ga. Agric. Ext. Serv. Circ. 349) 275.29 G29C

Strength of houses; application of engineering principles to structural design. 132 p. (Bu. of Standards BMS 109)

#### Soil Conservation

Effects of improved land husbandry on income and organization of rolling-land farms; a study of representative farms in the lower Ohio valley, Kentucky, 1942-1946. 23 p. (Ky. Exp. Sta. Bul. 516) 275.29 K415

Effects of cropping systems on yields and the nitrogen and organic carbon in the soil. 20 p. (Ga. Exp. Sta. Bul. 257) 100 G29S

Soil erosion. 17 p. (Pa. Exp. Sta. Bul. 497) 100 P381

#### Miscellaneous

Farm inheritance and settlement of estates. 32 p. (Va. Exp. Sta. Bul. 413) 100 V81S

Ornamental hedges for Florida. 36 p. (Fla. Exp. Sta. Bul. 443) 100 F66S

Planning and planting an orchard. 8 p. (Ky. Ext. Div. Circ. 347) 275.29 K415

Successful meetings for farm people. 12 p. (Ky. Ext. Div. Circ. 547) 275.K415

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THERE ARE 7,063 USDA EMPLOYEES IN OUR SOUTHEASTERN REGION. IN THE YEAR 1947-48 THE LIBRARY SERVED 935 OF YOU. Where are the other 6,000 lads and lassies hiding out? What can we do for you??